The information in this report is required by 14 CRF 108.17 & 129.26. Failure to report may result in a civil penalty not to exceed $1000.00 For each such violation. (Federal Aviation Act of 1958, Section 901)

Department of Transportation Federal Aviation Administration	X-RAY SYSTEM RADIATION LEAKAGE REPORT (BAGGAGE INSPECTION) *(Require by 14 CRF 108.17, 14 CRF 129.26)*	FIELD TEST SERIAL NO. 11-7 T	Form Approved OMB No. 2120-0098

AA	1.1 Name and	Name of Facility *(19.80)* Boise Airport Gowen Field	FDA Region ID	BB	St. No. R.R. or Airline/Airport *(10.80)* 3201 Airport Way
CC	Address of Facility	City *(10.73)* Boise		State Code ID	Zip Code 83705
DD	and Specific Location of X-ray System	Room No. or Other Location of System *(10.32)* Check Point Lane 5	Person Interview *(33-54)* [redacted]	Telephone No. [redacted]	
		Certification Label Present Yes	Instruments: *(type and serial number)* Inovision Model: 451P-RYR Serial No. 516		
01	1.2 Manufacture And Product ID	A. Manufacture *(Responsible Firm)* Rapiscan Security Products Inc.	B. Mfr. Code 0HU46	C. System Model No. and/or Name TRX 520B	
		D. Unique I.D. 115 VAC 60 Hz	E. System Serial No. 70425N10		
		F. Date of Manufacture Oct 2003	1.4 Operator Instructions Available YES	1.5 Maintenance Schedule Available N/A	
	2.0 Warning Labels Indicators	2.1 Warning Label Present at Controls Stating: "Caution: X-Rays Produced When Energized" YES	2.2 Warning Labels Present at Ports Stating: "Caution: Do Not Insert Any Part of the Body When System is Energized, X-Ray Hazard" YES	2.3 Two Indicators Labeled "X-Ray On" Present at Controls *(One May Be Labeled "mA Meter")* YES	
02		2.4 At Least One Indicator, X-Ray Marked "X-Ray On", Visible from Each Port, Door, And Access Panel YES	3.0 Interlocks	3.1 "Captured Key" Control YES	
	3.2 Door Safety Inter-Locks	A. Minimum Number of Interlocks Visible At Any One Door N/A	3.3 Prevention of X-Radiation By Inter-locks	A. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation N/A	
		B. At Least One Interlock Dependent on No Moving Part Except Door N/A		B. Use of X-Ray Control Necessary to Resume Operation Following Interruption N/A	
	4.0 Ports and/or Apertures	4.1 Some Part of the Body Can Be Inserted Through a Port Into The Primary Beam NO		4.2 Some Part of the Body Can Be Inserted Into the Aperture NO	
	6.0 Baggage Inspection Systems	6.1 Means Provided to Ensure Operator Presence at the Control Area YES		6.2 Means Provided to Operator for Terminating Exposures of Greater than One-Half Second and Preventing YES	
03	7.0 Leakage Radiation	Specific Test Procedure Used 04		7.1 Scatter Block Description Pelican 1400 Case for the Inovision 451P Meter	

05	7.2 Technical Factures 136 kVp			.700 mA	
	7.3 Location Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated	06 Location Exposure Levels		Non-Continuously Activated Systems Only Number of Exposures Initiated
	.027 mR/hr	Exp		.011 mR/hr	Exp
	.033 mR/hr	Exp		.010 mR/hr	Exp
	.030 mR/hr	Exp		.008 mR/hr	Exp
	.038 mR/hr	Exp		.009 mR/hr	Exp
07	Reasonable Number of Exposures That May Be Initiated In One Hour		OR	Duty Cycle of System Indicated As a Percentage of One Hour 100%	
08	8.0 Additional Information 8.1 Dosage per Inspection = .084 mR/hr				
09	8.2				
10	8.3				
11	8.4				
12	8.5				
13	Surveyor Information	Surveyor Name *(10-72) (Print: L, F, MI)* [redacted]	Surveyor Signature [redacted]	Date of Survey 2/4/10	Surveying Agency Code SGS

Remarks:
Siemens Government Services

EQ: 52084
WO: 2856334
Semi-Annual PM

FAA Form 165-17 (6-81) FAA HQ

ENTERED APR 2 4 2010